Jyota Snyder

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Company: www.meryllsolutions.com • LinkedIn: www.linkedin.com/in/jyota • Github: github.com/jyota

Technical skills

Programming languages

Python, SQL (PostgreSQL, MySQL), Javascript

Web development frameworks

Python: Django, Pyramid with Cornice, Flask

Javascript: Node.js with Express, AngularJS, React

Cloud, build, & virtualization technologies

AWS services (EC2, S3, RDS, VPCs/networking, etc), containerization with Docker, Jenkins, Terraform, nginx

Other

Testing frameworks: pytest (with tox)

Documentation: Sphinx (for Python), markdown (in git repositories), Confluence

Version control: git (including hosting solutions like Gitlab and Github), TFS

Agile software systems: Asana, JIRA, Trello

Experience

Quarterlab (via Meryll Solutions, LLC) - 2021 to present - *Memphis Metro Area, TN*

Software engineer

- General software engineering and web development

The Pokémon Company International - 2019 to 2021 - *Bellevue, WA*

Software engineer II

- Developed & deployed front-end and back-end features supporting www.pokemon.com Pokédex, including work on code & processes to transform raw game data into website database data for Pokémon Sword and Shield games and expansions.
- Implemented & deployed backend API features and data fixes for PokémonTV videos displayed to Pokémon fans around the world.
- Documented, diagrammed, and helped implement OneTrust cookie consent for www.pokemon.com and other Pokémon web properties.
- Rotated in and out of scrum master duties for the sprint team.

IHS Markit, Inc. - 2017 to 2019 - *Bellevue, WA*

Sr. software engineer

- Worked on multi-disciplinary teams, including with non-technical stakeholders, to solve complex problems related to delivering content to customers via websites
- Wrote testable, maintainable, and well-documented code for API-driven services used in multi-tiered, scalable web platforms

- Led development for website used as primary source of delivering information to customers (Django for user-facing app, Pyramid with Cornice for backend APIs, AngularJS and React for frontend Javascript code)

IHS Markit, Inc. (acquired RootMetrics) - 2015 to 2017 - *Bellevue, WA*

Software engineer

- Developed and architected PostgreSQL data warehouse objects and procedures optimized for data reporting purposes
- Added features and made improvements to back-end web APIs for customer facing website (Pyramid with Cornice framework)
- Wrote unit tests for ETL application supporting website using pytest with tox
- Worked closely between engineering and analytics departments to migrate key analytics reports into automated and reliable production-grade implementations for use in website

RootMetrics - 2013 to 2015 - *Bellevue, WA*

Data scientist

- Created web app in Python/Flask used to check for data quality issues
- Programmed complex, accurate ETL and analyses, compiled compelling presentations of analyses, and presented these results internally to colleagues with a wide-range of positions (CEO, engineering management & staff, data quality analysts, field support staff, account managers, etc)

GCG, Inc. - 2011 to 2013 - *Seattle, WA*

Data analyst III

- Wrote C# applications to automate data and file system tasks the team previously handled manually
- Optimized standard data ETL used by the business for years; previously took 2+ hours to process millions of records, developed a new approach that took only ~10 minutes to process the same amount of data
- Developed database structures, stored procedures, and SQL scripts to enable class action lawsuit payouts, mailings, and reporting (Microsoft SQL server)

Certifications

AWS Solutions Architect Associate (2019 - 2022)

Education

Central Connecticut State University - 2011 to 2014

Master of Science, Department of Mathematical Sciences - Data Mining

Florida Atlantic University - 2008 to 2011

Bachelor of Social Work - Summa Cum Laude honors